

M 5.1, 26 km SSW of Padam, India

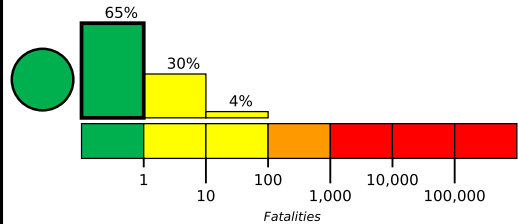
Origin Time: 2023-12-18 10:18:53 UTC (Mon 15:48:53 local)
Location: 33.2301° N 76.8256° E Depth: 10.0 km

PAGER
Version 4

Created: 1 day, 0 hours after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



Estimated Economic Losses

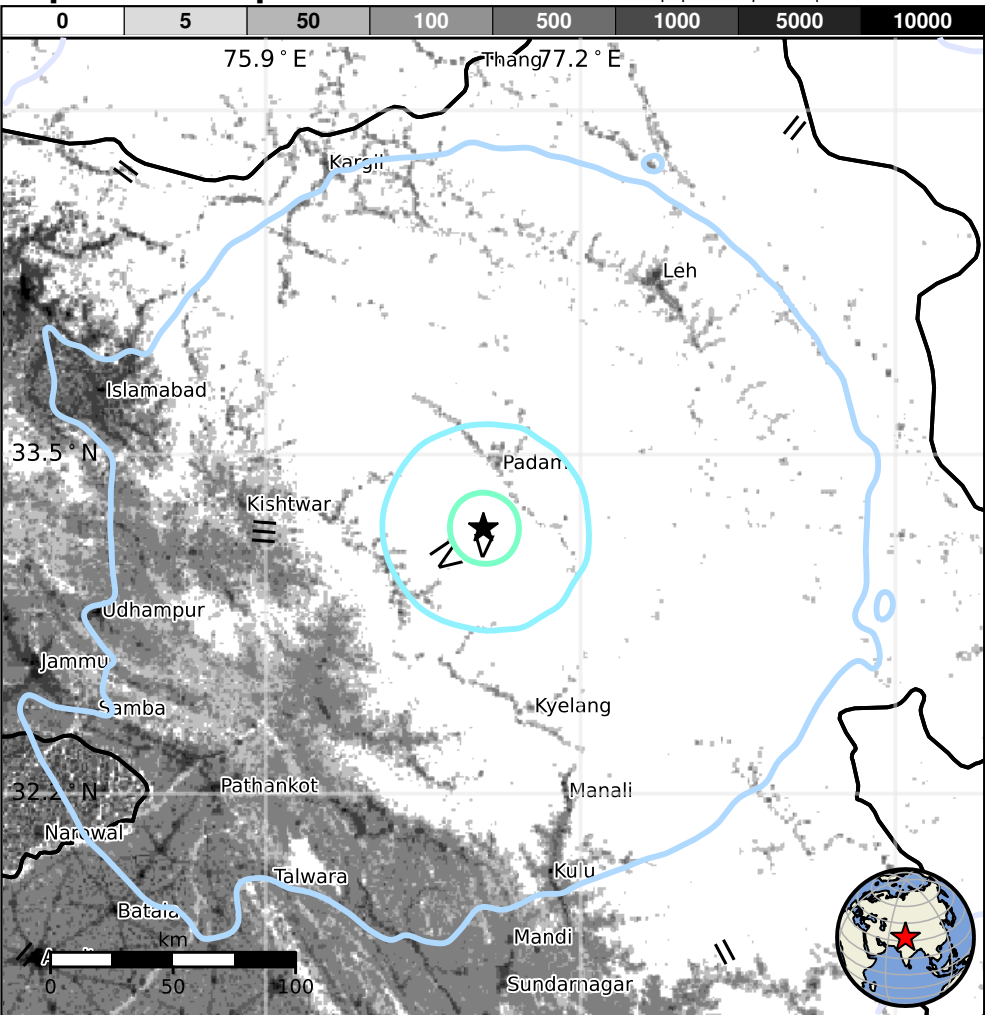


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		2k*	24,527k	36k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are extremely vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are adobe block and informal (metal, timber, GI etc.) construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2006-03-10	273	4.9	VI(824k)	1
2005-12-14	381	5.1	VI(108k)	1
2005-10-08	329	7.6	IX(337k)	87k

Recent earthquakes in this area have caused secondary hazards such as landslides and liquefaction that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Padam	25k
III	Kyelang	14k
III	Kishtwar	21k
III	Chamba	22k
III	Bhadarwah	13k
III	Yol	11k
III	Pathankot	174k
II	Srinagar	976k
II	Batala	145k
II	Jammu	466k
II	Amritsar	1,092k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.
<https://earthquake.usgs.gov/earthquakes/eventpage/us7000ljty#pager>

bold cities appear on map.

(k = x1000)

Event ID: us7000ljty